Index of Claims

| Application No. | Applicant(s)    | _ |
|-----------------|-----------------|---|
| 09/844,827      | MITCHELL ET AL. |   |
| Examiner        | Art Unit        |   |
| Sung H. Pak     | 2874            |   |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  | A | Appeal   |
|---|--------------|---|----------|
| ı | Interference | 0 | Objected |

| Cla      | aim      | Date     |                    |                |          |          |  | Claim Date      |              |          |              |        |        | Claim Date |          |          |          |           |          |          |          |          |          |            |  |         |         |          |                |                 |          |          |
|----------|----------|----------|--------------------|----------------|----------|----------|--|-----------------|--------------|----------|--------------|--------|--------|------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|------------|--|---------|---------|----------|----------------|-----------------|----------|----------|
|          |          | _        |                    |                |          |          |  |                 |              | П        |              |        | $\neg$ | ٦          |          |          |          |           | П        | Т        | П        | $\neg$   |          |            |  |         | Т       |          |                |                 | Ī        |          |
| Final    | Original | 2/14/04  |                    |                |          |          |  |                 |              |          | Final        | Cripin |        |            |          |          |          |           |          |          |          |          | Final    | Original   |  |         |         |          |                |                 |          |          |
| ᇤ        | ij       | 2        |                    |                |          |          |  |                 |              |          | 1            | غ ا    | "∣     |            |          |          |          |           |          |          |          |          | iĒ       | Ę          |  |         |         |          |                |                 |          |          |
|          |          |          |                    |                |          |          | _  |                 |              |          |              |        |        |            |          |          |          |           |          |          |          |          |          | 1          |  |         | ┸       |          |                |                 |          | _        |
| 1        | 1        | =        |                    |                |          |          |  |                 |              |          |              | 5      |        |            |          |          |          |           |          |          |          |          |          | 101        |  |         | $\perp$ | $\perp$  |                |                 |          |          |
| 2        | 2        | =        |                    |                |          |          |  |                 |              |          | L            | 5      |        | _          |          |          |          | $\Box$    |          | $\perp$  | $\perp$  | _        |          | 102        |  |         | ┸       | L        |                |                 | _        | _        |
| 3        | 3        | =        | L                  |                |          |          |  | Ш               |              | Ш        |              | 5      |        |            |          |          | _        |           | _        | _        |          |          | L        | 103        |  | 1       | 4       | <u> </u> |                |                 | _        |          |
| 4        | 4        | =        | _                  |                |          |          |  |                 | <u> </u>     | Ш        | <u> </u>     | 5      | 4      | _          |          |          | _        | $\dashv$  | _        | $\dashv$ | $\dashv$ | _        |          | 104        | Ш  |         | $\perp$ | <u> </u> | _              |                 | _        | _        |
| 5        | 5        | =        |                    |                |          |          | _  |                 |              | Щ        |              | 5      |        | _          |          |          | _        | _         | _        | 4        | $\dashv$ | _        | ļ        | 105        |  | _       | ┸       | ــــ     | 1_             | _               | _        | _        |
| 6        | 6        | =        | Ц.                 |                |          |          | _  |                 |              | Ш        |              | 5      |        | _          | _        |          | _        | _         | _        | _        | _        | _        |          | 106        | <u> </u>   | _       | +       | ╀        | $\perp$        |                 | _        | _        |
| 7        | 7        | =        | L.                 |                |          |          | _  | Щ               | _            | Ш        | <u> </u>     | 5      |        | _          | _        | _        | _        | _         | _        | _        | _        | _        | <u> </u> | 107        | $\vdash$   | _       | $\bot$  | ╄-       | $\vdash$       | _               | -        | $\dashv$ |
| 8        | 8        | =        | lacksquare         |                |          | _        |  |                 |              | Ш        | <u> </u>     | 5      |        | _          | _        |          | _        | _         | _        | -        | _        |          | <u> </u> | 108        | <u> </u>   | _       | +-      | ╂        | -              |                 | _        | $\dashv$ |
| 9        | 9        | =        | _                  |                | _        |          | _  | Ш               | <u> </u>     | $\vdash$ | <u> </u>     | 5      | 9      | _          |          |          | _        | _         | $\dashv$ | $\dashv$ | $\dashv$ | _        | -        | 109        |  | +       | +       | ╀        | $\vdash$       | -               | -        | -        |
| 10       | 10       | =        | lacksquare         |                | _        |          |  | Ш               |              | Ш        |              | 6      |        | _          | _        |          | _        | _         | -        |          | $\dashv$ |          | <u> </u> | 110        |  |         | +       | +        | $\vdash$       |                 | $\dashv$ |          |
| 11       | 11       | =        |                    |                |          | Ш        | $\vdash$   | $\vdash \vdash$ | <b> </b>     | Н        | $\vdash$     | 6      |        | _          |          |          |          |           | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | 111        | $\vdash$   | +       | +-      | ╄        | $\vdash\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ |
| 12       | 12       | =        |                    |                |          | Щ        | $\vdash$   | Н               | <u> </u>     | $\vdash$ | <u> </u>     | 6      |        | $\dashv$   | $\dashv$ |          |          |           |          | $\dashv$ | $\dashv$ | $\dashv$ | <u> </u> | 112<br>113 | $\vdash$   | +       | +       | +-       | $\vdash$       | $\vdash$        |          | $\dashv$ |
| 13       | 13       | 트        |                    |                | <u> </u> | $\vdash$ |  | $\vdash\vdash$  | <u> </u>     |          | $\vdash$     | 6      |        | $\dashv$   | $\dashv$ |          |          | $\dashv$  | -        | $\dashv$ | $\dashv$ |          |          | 113        | $\vdash$   | +       | +       | ╀        |                |                 | -        | $\dashv$ |
| 14<br>15 | 14<br>15 | =        | $\vdash$           |                | -        | $\vdash$ |  | $\vdash$        | $\vdash$     | H        | $\vdash$     | 6      |        |            |          |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | -        |          | $\vdash$ | 115        | ├  | +       | +       | +        | H              | $\vdash$        | $\dashv$ | $\dashv$ |
| 15       | 16       | -        | $\vdash$           |                |          | $\vdash$ | -  | Н               | _            | Н        | -            | 6      |        |            | $\dashv$ |          |          |           | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | 116        | -  | +       | ┿       | ╁        | $\vdash$       | $\vdash$        | $\dashv$ | $\dashv$ |
|          | 17       |          | $\vdash$           |                | $\vdash$ | $\vdash$ | <del>                                     </del> | $\vdash$        |              | $\dashv$ | -            | 6      |        |            | $\dashv$ |          | =        | $\dashv$  | +        | -        | -+       | $\dashv$ |          | 117        | <del>                                     </del> | +       | +       | +        | Н              | $\vdash$        | $\dashv$ |          |
|          | 18       | $\vdash$ |                    |                | ├        | $\vdash$ | $\vdash$   | $\vdash$        |              | $\vdash$ | -            | 6      |        | $\dashv$   |          |          | _        | -         |          | $\dashv$ | $\dashv$ |          |          | 118        | $\vdash$   | +       | +       | ╁╌       | +              | $\vdash$        | -        |          |
|          | 19       |          |                    | -              | ┝        | _        | $\vdash$   | H               |              | Н        | -            | 6      |        | -          |          |          |          | -         | -        | -        | $\dashv$ | -        |          | 119        | $\vdash$   | +       | +       | +        | +              |                 |          | $\dashv$ |
|          | 20       |          |                    |                | $\vdash$ | ┝        |  | H               |              | Н        | -            | 7      |        | $\neg$     | -        |          |          | -         | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$ | 120        | $\vdash$   | +       | ╅       | ╁        |                |                 | _        | _        |
|          | 21       |          | H                  |                | ┢        |          |  | H               |              |          | -            | †      | 1      | $\dashv$   |          |          | $\neg$   | $\neg$    |          | $\dashv$ | +        |          |          | 121        |  | +       | +       | ✝        | 1              | $\overline{}$   | 一        | $\neg$   |
|          | 22       |          |                    |                |          | $\vdash$ | $\vdash$   |                 |              | Н        | -            | 7      |        | _          |          |          |          |           | $\dashv$ | -        | -        | _        |          | 122        |  | +       | +       | t        | $\vdash$       |                 | _        |          |
|          | 23       |          |                    |                | $\vdash$ | -        | -  | $\vdash$        |              | Н        |              | 7      |        | _          |          |          |          |           | 1        | $\dashv$ |          |          |          | 123        |  | _       | ╅       | $\top$   |                |                 |          | $\neg$   |
|          | 24       | $\vdash$ | -                  |                | $\vdash$ | Н        | $\vdash$   | $\vdash$        |              |          |              | 7      |        | _          |          |          |          |           | _        | 十        | 1        | $\neg$   | <u> </u> | 124        |  | +       | ✝       | ✝        | $\vdash$       |                 | $\dashv$ |          |
|          | 25       |          |                    |                |          |          |  |                 |              | $\vdash$ |              | 7      |        |            |          |          |          |           |          | 寸        |          |          |          | 125        |  | T       | T       | 1        |                |                 | _        | $\neg$   |
|          | 26       | _        | _                  |                |          |          |  | Т               |              | $\vdash$ |              | 7      |        |            |          |          |          |           |          | $\neg$   |          |          |          | 126        |  |         | Ť       | t        |                |                 | $\neg$   | $\neg$   |
|          | 27       |          |                    |                |          |          | _  |                 |              | П        |              | 7      | 7      |            |          |          |          |           |          | T        | _        |          |          | 127        |  |         |         |          |                |                 |          |          |
|          | 28       |          |                    |                |          |          |  |                 |              |          |              | 7      |        |            |          |          |          |           |          | T        |          |          |          | 128        | П  | T       | Τ       |          |                |                 | Ī        |          |
|          | 29       |          |                    |                |          |          |  |                 |              | П        |              | 7      |        |            |          |          |          |           |          | $\neg$   |          |          |          | 129        |  |         |         |          |                |                 |          |          |
|          | 30       |          |                    |                |          |          |  |                 |              | П        |              | 8      | 0      | -          |          |          |          |           |          |          |          |          |          | 130        |  |         |         |          |                |                 |          |          |
|          | 31       |          |                    |                |          |          |  |                 |              |          |              | 8      |        |            |          |          |          |           |          |          |          |          |          | 131        |  |         |         |          |                |                 |          |          |
|          | 32       |          |                    |                |          |          |  |                 |              |          |              | 8      |        |            |          |          |          |           |          |          |          |          |          | 132        |  |         |         | $\perp$  |                |                 |          |          |
|          | 33       |          |                    |                |          |          |  |                 |              | Ш        |              | 8      |        |            |          |          |          |           | $\Box$   | $\bot$   | $\Box$   |          |          | 133        | $\Box$   | [       | Ĺ       |          |                | Ŀ               |          | _        |
|          | 34       |          | $oxedsymbol{oxed}$ |                | L.       |          |  | Щ               | _            | Ш        |              | 8      |        |            |          | $\Box$   |          |           |          | $\perp$  | $\perp$  |          | L        | 134        | $\sqcup \bot$                                    | $\perp$ | $\perp$ | 1        | <b> </b>       |                 |          |          |
| <u></u>  | 35       | L_       |                    |                |          |          |  |                 | <u> </u>     | Ш        | $\vdash$     | 8      |        |            |          | $\Box$   |          | $ \bot  $ |          | _        |          | _        |          | 135        | $\sqcup$   | 4       | $\bot$  | 1        | Ш              | Ш               | _        |          |
| L        | 36       | L_       | _                  |                | <u> </u> | Ш        | <u> </u>   | Ш               | L_           | Ш        | <u> </u>     | 8      |        |            |          |          |          |           |          | _        | _        | _        | <u> </u> | 136        | $\sqcup \!\!\! \perp$                            | _       | $\bot$  | $\bot$   | Ш              | Щ               | _        |          |
| L        | 37       | L.       | <u> </u>           |                | L_       | Ш        | L_   | Щ               |              | Ш        | <u> </u>     | 8      |        | _          | _        |          | _        | _         | _        | _        | _        | _        |          | 137        | $\sqcup \bot$                                    | $\bot$  | $\bot$  | 1_       | $\sqcup$       | $\square$       | _        | Ц        |
| <u></u>  | 38       |          | _                  |                | <u> </u> | _        |  | $\sqcup$        | <u> </u>     | Ш        | <u> </u>     | 8      |        | _          |          |          |          |           | _        | $\perp$  | _        | _        | <u> </u> | 138        |  | 4       | 1       | 1        |                | -               |          | $\dashv$ |
| <u> </u> | 39       |          |                    | Щ              | ļ        | L        |  | _               | <u> </u>     | Ш        | $\vdash$     | 8      | 9      | _          | _        | $\sqcup$ | _        |           | _        | _        | _        | _        |          | 139        | $\vdash \vdash$                                  | +       | +       | -        | $\vdash$       | $\vdash$        |          | $\dashv$ |
| <u></u>  | 40       | <u> </u> |                    |                | L        |          | <u> </u>   | Щ               | ├_           | Ш        | <u> </u>     | 9      |        | _          | _        |          | _        |           | -        | _        |          | $\dashv$ | <u> </u> | 140        | -  | +       | +       | -        | $\vdash$       | Н               | _        | $\dashv$ |
| <b></b>  | 41       | <u> </u> | <u> </u>           | _              | L.       |          |  |                 | <u> </u>     | Ы        | <u> </u>     | 9      |        | _          | $\dashv$ |          | $\dashv$ |           |          |          |          | $\dashv$ | <u> </u> | 141        | $\vdash$   | +       | +       | +        | $\vdash$       | Н               |          | _        |
| <u> </u> | 42       | <u> </u> | <u> </u>           |                | ļ        | -        | <del>                                     </del> |                 | ├—           | Н        | $\vdash$     | 9      |        | _          | _        |          |          |           | _        | -        | -        | $\dashv$ |          | 142        | $\vdash \vdash$                                  | +       | +       | +-       | $\vdash$       | $\vdash\vdash$  |          |          |
|          | 43       | ├        |                    |                | <u> </u> | <u> </u> |  | -               | ├—           | Н        | $\vdash$     | 9      |        | -          | -        |          | -        |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | 143<br>144 | ├  | +-      | +       | +        | $\vdash$       | $\vdash\vdash$  | $\dashv$ |          |
| <u> </u> | 44       | <u> </u> | -                  |                |          | -        | <u> </u>   | -               | ├            | $\vdash$ | $\vdash$     | 9      | +      |            | _        |          |          | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | <u> </u> | 144        | $\vdash \vdash$                                  | +       | +       | -        |                | $\vdash\vdash$  |          | -        |
|          | 45       |          | -                  | -              | -        | $\vdash$ | <del>  -</del>                                   | $\vdash$        | $\vdash$     | Н        | <u> </u>     | 9      |        | -          | -        |          |          |           | $\dashv$ | +        | +        | $\dashv$ | -        | 145        | $\vdash \vdash$                                  | +       | +       | +        |                | $\vdash\dashv$  | $\dashv$ | -        |
| <u> </u> | 46<br>47 | -        |                    |                | $\vdash$ | -        | ⊢  | $\vdash$        |              | $\vdash$ | -            | 9      | 7      | -          | -        | $\dashv$ | $\dashv$ |           | -+       | -        | $\dashv$ | $\dashv$ | $\vdash$ | 147        | ┝╼┼  | +       | ╁       | +        | $\vdash$       | $\vdash$        | $\dashv$ | _        |
| <b> </b> | 47       | -        |                    | -              | -        | -        | $\vdash$   | $\vdash$        | ├            | $\vdash$ | <del> </del> | 9      |        | -          |          | $\vdash$ | $\dashv$ | $\dashv$  | -+       |          | -+       | $\dashv$ | $\vdash$ | 148        | <del>                                     </del> | +       | +       | +        | $\vdash$       | $\vdash \vdash$ | -        |          |
|          | 49       | ├        | <del> </del>       | $\vdash\dashv$ |          | Н        | $\vdash$   | H               | <del> </del> | Н        | -            | 1 9    |        | -          | ᅱ        | $\vdash$ | $\dashv$ | $\dashv$  | +        | +        | +        | $\dashv$ | -        | 149        | $\vdash \vdash$                                  | +       | +       | +        | $\vdash$       | $\vdash$        |          | $\dashv$ |
| <b></b>  | 50       | <u> </u> | -                  | $\dashv$       | -        | -        | -  | $\vdash$        | Η-           | $\vdash$ | -            | 10     |        | -          | $\dashv$ | $\dashv$ | $\dashv$ | -+        | ╅        | $\dashv$ | +        | $\dashv$ |          | 150        | <del>     </del>                                 | +       | +       | +-       | $\vdash$       | $\vdash$        | $\dashv$ | $\dashv$ |
|          |          |          |                    |                |          |          |  |                 |              |          |              |        |        | 1          | 1        |          |          |           |          |          |          |          |          |            |  | 1_      |         | 1        |                |                 |          |          |